

B¹ Sub 7
con

ppm.

wherein an amount of sodium contained within the wiring is equal to or less than 0.3

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2. (Amended) A device according to claim 1, wherein a thickness of the tungsten nitride film is 10 to 50 nm and a thickness of the tungsten film is 200 to 400 nm.

3. (Twice Amended) A device according to claim 1, wherein electrical resistivity of the wiring is equal to or less than $40 \mu\Omega \text{ cm}$.

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4. (Twice Amended) A semiconductor device comprising:

a wiring formed over a substrate, the wirings comprising a metal film and a nitride film of the metal film, the metal film located on the nitride film,

wherein the wiring includes at least one inert element and 90% or more of the inert element is argon, and

wherein an amount of sodium contained within the wiring is equal to or less than 0.3 ppm.

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5. (Twice Amended) A device according to claim 4, further comprising a semiconductor film adjacent to the wiring with an insulating film interposed therebetween.

6. (Twice Amended) A device according to claim 4, wherein the inert element except for argon is contained within the wiring at an amount equal to or less than 1 atom%.

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7. (Twice Amended) A device according to claim 4, wherein the inert element except for argon is contained within the wiring at an amount equal to or less than 0.1 atom%.

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9. (Twice Amended) A device according to claim 4, wherein internal stress of the wiring is from -1×10^{10} dyn/cm² to $+1 \times 10^{10}$ dyn/cm².

10. (Twice Amended) A device according to claim 4, wherein line width of the wiring is equal to or less than 5 μ m.

B₄
11. (Twice Amended) A device according to claim 4, wherein film thickness of the wiring is equal to or greater than 0.1 μ m, and equal to or less than 0.7 μ m.

12. (Twice Amended) A device according to claim 4, wherein the wiring is used as a gate electrode of a TFT.

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13. (Twice Amended) A device according to claim 4, wherein resistance value per 1 square μ m of surface area of a connection between the wiring and an aluminum wiring is equal to or less than 40 Ω .

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16. (Twice Amended) A semiconductor device comprising:
a wiring formed over a substrate, the wiring comprising a tungsten nitride film and a tungsten film formed thereon; and
an insulating film formed over the wiring, said insulating film comprising SiOxNy,

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C1 wherein the wiring includes at least one inert element and 90% or more of the inert element is argon, and

wherein an amount of sodium contained within the wiring is equal to or less than 0.3 ppm.

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B 17. (Twice Amended) A device according to claim 16, further comprising a semiconductor film adjacent to the wiring with an insulating film interposed therebetween.

18. (Twice Amended) A device according to claim 16, wherein the inert element except for argon is contained within the wiring at an amount equal to or less than 1 atom%.

19. (Twice Amended) A device according to claim 16, wherein the inert element except for argon is contained within the wiring at an amount equal to or less than 0.1 atom%.

21. (Twice Amended) A device according to claim 16, wherein internal stress of the tungsten film or of the wiring is from -1×10^{10} dyn/cm² to $+1 \times 10^{10}$ dyn/cm².

B 22. (Twice Amended) A device according to claim 16, wherein line width of the wiring is equal to or less than 5 μ m.

23. (Twice Amended) A device according to claim , wherein film thickness of the wiring is equal to or greater than 0.1 μ m, and equal to or less than 0.7 μ m.

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24. (Twice Amended) A device according to claim 16, wherein the wiring is used as a gate electrode of a TFT.

25. (Twice Amended) A device according to claim 16, wherein resistance value per 1 square μm of surface area of a connection between the wiring and an aluminum wiring is equal to or less than 40 Ω .

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28. (Twice Amended) A semiconductor device comprising:
a wiring formed over a substrate having a lamination structure comprising a phosphorus doped silicon, a nitride film of tungsten, and a film comprising tungsten,
wherein the film comprising tungsten includes at least one inert element, and 90% or more of the inert element is argon, and
wherein an amount of sodium contained within the wiring is equal to or less than 0.3 ppm.

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36. (Amended) A device according to claim 28, wherein the wiring is used as a gate electrode of a TFT.

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40. (Twice Amended) A semiconductor device comprising:
a wiring formed over a substrate, the wiring having a lamination structure containing a tungsten nitride film and a film comprising tungsten formed thereon,
wherein the film comprising tungsten includes at least one inert element, and 90% or more of the inert element is argon,